Index of Claims

| Applicatio | n/Control | No. |
|------------|-----------|-----|
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10/068,847 Examiner

Toan Ton

Applicant(s)/Patent under Reexamination

YUN ET AL.

Art Unit

2871

| √  | Rejected |  |
|----|----------|--|
| 11 | Allowed  |  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla  | aim      |           |                   |          | D        | ate      | •              |          |          |                | CI           | aim      |  |                 |          |           | ate      | _         |                   |          | Cl             | aim      |                |           |          | С        | ate      | ,        |                 |               | $\neg$   |
|--|----------|-----------|-------------------|----------|----------|----------|----------------|----------|----------|----------------|--------------|----------|--|-----------------|----------|-----------|----------|-----------|-------------------|----------|----------------|----------|----------------|-----------|----------|----------|----------|----------|-----------------|---------------|----------|
|  | _        | 9         |                   |          | П        |          | П              |          |          |                |              |          |  |                 |          | П         |          | T         |                   |          |                | _        |                |           | П        |          | П        |          |                 |               | ٦        |
| Final  | Original | 6/20/05   |                   |          |          |          |                |          |          |                | Final        | Original |  | Ш               | 1        |           | H        |           |                   |          | Final          | Original |                |           | .        |          |          |          |                 |               |          |
| ΙĒ   | Ę        | 22        |                   |          |          |          |                |          | -        |                | ιĒ           | Ĕ        | l  |                 |          |           | ŀ        |           | 1 1               |          | Ē              | Ĕ        |                |           |          |          |          | ŀ        |                 |               |          |
| l  | 0        |           |                   |          |          |          |                |          |          |                |              | ١٠       |  |                 |          |           |          |           |                   |          |                | ٥        |                | _         | ı        |          |          |          |                 |               |          |
|  | 1        |           |                   |          |          |          |                | Ī        |          |                |              | 51       | 1  |                 |          |           |          |           |                   |          |                | 101      |                |           | ヿ        |          | $\neg$   |          | 丁               | $\top$        | ٦        |
|  | 2        |           |                   |          |          | T        |                | T        |          |                |              | 52       | 1  | П               |          |           |          |           | $\Box$            |          |                | 102      |                | T         | $\neg$   |          | 一        | ヿ        | T               | $\top$        | ٦        |
|  | 3        |           |                   |          |          | $\neg$   |                | T        |          |                |              | 53       | П  | П               |          | T         |          |           | П                 |          |                | 103      |                | $\exists$ | ヿ        | $\neg$   | ヿ        | $\neg$   | 丁               | $\neg \vdash$ | ٦        |
|  | 4        |           |                   |          |          | П        |                |          |          |                |              | 54       | П  |                 |          | $\neg$    |          |           | П                 |          |                | 104      | $\neg$         | $\neg$    | П        |          |          |          | T               |               | ٦        |
|  | 5        |           |                   |          |          |          |                | T        | Ī        |                |              | 55       | П  | П               |          | ヿ         |          |           | П                 |          |                | 105      |                |           | コ        |          | $\neg$   |          | T               |               | ٦        |
|  | 6        |           |                   |          |          |          |                |          |          |                |              | 56       | П  |                 |          | П         |          | Т         | П                 |          |                | 106      | П              | $\neg$    |          | T        | П        |          | T               |               | ٦        |
|  | 7        |           |                   |          |          |          |                |          |          |                |              | 57       | Π  |                 |          |           |          | T         |                   |          |                | 107      |                |           |          |          | П        |          |                 |               | ٦        |
|  | 8        |           |                   | П        |          |          |                | П        |          | 7              |              | 58       | П  |                 |          |           |          | $\top$    | П                 |          |                | 108      |                |           |          |          |          | ヿ        |                 |               | ٦        |
|  | 9        |           |                   |          |          |          |                | T        |          | 7              |              | 59       | П  |                 |          | $\Box$    |          |           |                   |          |                | 109      |                |           | Ī        | T        |          | $\neg$   |                 | $\neg$        | ٦        |
|  | 10       |           |                   |          |          |          |                |          |          |                |              | 60       | П  |                 |          | П         |          |           | П                 |          |                | 110      |                | $\neg$    |          | T        |          |          |                 |               | ٦        |
|  | 11       |           |                   |          | T        | T        |                |          |          |                |              | 61       | П  |                 |          |           |          | Τ         |                   |          |                | 111      |                | T         | T        |          | $\neg$   | $\neg$   | T               |               | ٦        |
|  | 12       |           |                   |          | T        |          | T              |          |          |                |              | 62       | П  |                 |          | $\neg$    |          | 1         |                   |          |                | 112      |                | 丁         |          | 寸        | 寸        |          |                 |               | ٦        |
|  | 13       |           |                   |          | $\Box$   | $\Box$   | $\sqcap$       | $\Box$   |          |                | [            | 63       |  |                 |          | $\exists$ |          |           | П                 |          |                | 113      |                | 丁         |          | T        | 一        |          |                 |               | ٦        |
|  | 14       |           |                   |          |          | 一        | $\neg$         | $\neg$   | $\neg$   |                |              | 64       | Π  | П               |          | 寸         |          |           | П                 |          |                | 114      | 一              | 寸         | 一        |          | 7        | $\neg$   | $\neg$          | $\top$        | ٦        |
|  | 15       | 1         |                   | П        | $\neg$   | $\neg$   | $\neg$         | $\neg$   |          |                |              | 65       | П  | П               |          | 一         |          | T         | П                 |          |                | 115      | $\neg$         | 寸         | $\neg$   | $\neg$   | 寸        |          | $\dashv$        | $\top$        | ٦        |
|  | 16       | Ī         |                   |          | $\neg$   |          |                | T        | Ī        | 7              |              | 66       | П  | П               |          |           |          | T         | П                 |          |                | 116      |                | 寸         | $\neg$   | $\neg$   | 7        |          | $\neg$          | $\top$        | ٦        |
|  | 17       | T         |                   |          |          |          |                |          |          |                |              | 67       | し  |                 |          | $\exists$ |          | 1         | П                 |          |                | 117      |                | $\neg$    |          |          | 一        |          |                 | $\top$        | ٦        |
|  | 18       | $\top$    | Г                 | П        | T        | 寸        | 寸              | $\neg$   | $\neg$   | 7              |              | 68       | Ė  | П               |          | $\dashv$  | $\neg$   | T         | П                 | $\sqcap$ |                | 118      |                |           | 1        | _        | 寸        |          |                 | 7             | ٦        |
|  | 19       | $\dashv$  |                   |          | $\neg$   | $\neg$   | ╗              | $\neg$   | $\neg$   |                |              | 69       | T  | П               | $\neg$   | ┪         |          | $\top$    | 1                 |          |                | 119      |                | $\neg$    | ヿ        | T        | 一        | 7        | $\neg$          | _             | ↰        |
|  | 20       | 1         |                   |          |          |          |                | 寸        |          |                |              | 70       | <b>-</b>   | m               |          | 7         | $\neg$   | 1         | 1-1               | $\neg$   |                | 120      | ヿ              | ヿ         | 一        | $\neg$   | $\neg$   |          | 寸               | $\top$        | ヿ゙       |
| · ·  | 21       | Ħ         |                   |          | T        | $\dashv$ | 1              | $\dashv$ | 十        |                |              | 71       | T  | П               |          | $\neg$    |          | $\top$    | П                 | $\neg$   |                | 121      |                | 一         |          | 7        | 寸        | $\neg$   | 一               | $\top$        | ヿ        |
|  | 22       | П         | Т                 | П        | $\dashv$ | T        | 1              |          | 十        | 7              |              | 72       |  | П               | T        | 寸         |          | 1         | $\Box$            | $\neg$   |                | 122      | $\neg$         | 寸         | $\neg$   | 寸        | ヿ        | $\neg$   | $\dashv$        | $\neg$        | ヿ゙       |
|  | 23       | П         |                   |          | 十        | _        |                |          | 1        | 7              |              | 73       |  | П               |          | 寸         | $\neg$   | 1         |                   |          |                | 123      |                | 寸         |          | $\neg$   | 一        | $\neg$   | $\dashv$        | 十             | ┪        |
|  | 24       | П         |                   | П        | $\neg$   | 7        | $\dashv$       | _        |          | 7              |              | 74       |  | П               |          |           |          | 1         | $\Box$            | _        |                | 124      |                | 7         |          |          | $\dashv$ | $\neg$   | _               | $\top$        | ヿ        |
|  | 25       | $\forall$ | H                 | $\vdash$ | _        |          | $\dashv$       |          | _        | ┦              | <b></b>      | 75       |  |                 |          | 7         | _        | 1         | $\Box$            | $\dashv$ |                | 125      | _              | $\dashv$  |          | 7        | 寸        | _        | $\dashv$        | $\dashv$      | ヿ        |
| <b></b> -  | 26       | +         | $\vdash$          | $\Box$   | $\dashv$ | _        | _              |          | 一十       | <b>⊣</b> ::::  |              | 76       | $\vdash$   |                 |          | _         |          | +-        |                   | $\dashv$ |                | 126      | $\neg \dagger$ | $\dashv$  |          | 7        | 寸        | $\dashv$ | 十               | $\top$        | ヿ        |
|  | 27       | H         |                   |          | $\neg$   | _        | 7              | T        | $\dashv$ | -              |              | 77       |  | Ħ               |          | 寸         | T        | +         | $\Box$            | $\neg$   |                | 127      | $\dashv$       | _         |          | 寸        | 一        | 寸        | _               | $\top$        | ┪        |
|  | 28       | 1         |                   | $\Box$   | $\dashv$ | 寸        | 7              | 7        | $\neg$   | <b>-</b>  :::: |              | 78       | <u> </u>   |                 |          | 7         | _        | +         | 1 "               | ᅥ        |                | 128      | _              | _         |          | $\dashv$ | $\dashv$ | $\dashv$ |                 | $\top$        | ┪        |
|  | 29       | 1         | $\vdash$          |          | $\dashv$ | $\dashv$ | $\dashv$       | _        | _        | ⊣              |              | 79       | $\vdash$   | H               | $\dashv$ | $\dashv$  |          | +         | 1                 | $\dashv$ |                | 129      |                | +         |          | _        |          | 寸        | $\dashv$        | +             | Ⅎ        |
|  | 30       | $\top$    | $\vdash$          | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$       | T        | _        | -              | $\vdash$     | 80       | $\vdash$   |                 | _        | 寸         | $\dashv$ | +-        | 1-1               | $\dashv$ |                | 130      |                | $\dashv$  | 1        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$        | 十             | ┪        |
|  | 31       | 1         |                   | $\vdash$ | $\dashv$ | 7        | 7              | T        | _        | ٣              |              | 81       | _  | H               | $\neg$   | 7         | _        | 1         | 1-1               | $\neg$   |                | 131      | _              | $\dashv$  | $\dashv$ | 寸        | $\neg$   | $\dashv$ | Ť               | $\top$        | ┪        |
|  | 32       | +         | H                 | $\vdash$ | $\dashv$ | 7        | 寸              | 1        | _        | ┦              |              | 82       | -  | Н               |          |           |          | +         |                   |          |                | 132      |                | _         | $\dashv$ | $\dashv$ | $\dashv$ | _        | $\dashv$        | $\dashv$      | ┥        |
|  | 33       | $\dagger$ | H                 | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$       | _        | $\dashv$ | $\dashv$       |              | 83       |  | H               | $\dashv$ | $\dashv$  | $\dashv$ | T         | Н                 | $\dashv$ |                | 133      | $\neg$         | $\dashv$  | $\dashv$ | $\dashv$ | _        | -        | $\dashv$        | +             | ヿ        |
|  | 34       | $\dagger$ | $\vdash$          |          | $\dashv$ | $\dashv$ | _              |          | $\dashv$ | $\neg$         | <b></b>      | 84       | $\vdash$   | H               | $\dashv$ | $\dashv$  | $\top$   | $\top$    | $\Box$            | $\dashv$ |                | 134      | $\dashv$       | -         |          | $\dashv$ | $\dashv$ | _        | $\dashv$        | +             | ┨        |
|  | 35       | +         | 1                 | $\Box$   | $\dashv$ | 寸        | 一              | _        |          |                |              | 85       |  |                 |          | +         |          | T         | H                 |          |                | 135      | 一              | 1         | T        | _        | 寸        | $\dashv$ | $\dashv$        | $\top$        | ٦        |
|  | 36       | $\dagger$ | Т                 | $\Box$   | $\dashv$ | $\dashv$ | $\dashv$       | 寸        | _        | 7              |              | 86       | Т  | $\Box$          | $\dashv$ | 一         | $\dashv$ | 1         | П                 | $\dashv$ |                | 136      | _              | +         | -        | +        | 7        | $\dashv$ | $\neg \uparrow$ | $\top$        | ヿ        |
|  | 37       | $\dagger$ | Т                 | $\Box$   | $\dashv$ | $\dashv$ | 寸              | 寸        | _        | ١              |              | 87       | T  | $\Box$          | $\neg$   | _         | $\dashv$ | ┪         | $\dagger \exists$ | $\dashv$ |                | 137      | 1              | $\dashv$  | _        | +        | _        | $\dashv$ | $\dashv$        | $\top$        | ┨        |
|  | 38       | T         | Г                 | $\Box$   | $\dashv$ | $\dashv$ | 1              | 寸        | _        | ١              |              | 88       | <del>                                     </del> | Н               | $\dashv$ | 7         | $\neg$   | +-        | П                 | $\dashv$ |                | 138      | _              | $\dashv$  | _        | _        | 1        | 寸        | 十               | +             | ヿ        |
|  | 39       | T         |                   |          | 十        | _        | $\dashv$       | $\dashv$ | _        | ٦              |              | 89       |  |                 | +        | 一         | $\dashv$ | $\top$    | Н                 | $\dashv$ |                | 139      | $\dashv$       | 十         | _        |          | 1        | $\dashv$ | $\dashv$        | +             | ᅥ        |
|  | 40       | +         |                   | $\sqcap$ | $\dashv$ | $\dashv$ | 一              | _        | $\dashv$ | اااا           |              | 90       | П  | Н               | $\dashv$ | 寸         | $\top$   | +         |                   | $\dashv$ |                | 140      | -              | _         | 1        | $\dashv$ | 寸        | $\dashv$ | $\dashv$        | $\top$        | ٦        |
|  | 41       | $\dagger$ |                   |          | $\dashv$ | +        | $\dashv$       | $\dashv$ | $\dashv$ | ١              | <b></b>      | 91       |  |                 | $\dashv$ | $\dashv$  | +        | $\dagger$ | Н                 | $\dashv$ |                | 141      | $\dashv$       | $\dashv$  |          | +        | $\dashv$ | $\dashv$ | $\dashv$        | +             | $\dashv$ |
|  | 42       | 1         |                   | $\vdash$ | 十        | $\dashv$ | $\dashv$       | 一        | 十        | ٦              |              | 92       | П  | Н               | $\dashv$ | 一         | $\dashv$ | T         | $\Box$            |          |                | 142      | $\dashv$       | 一         | 1        | -        | 7        | $\dashv$ | $\dashv$        | +             | ┨        |
|  | 43       | $\dagger$ |                   | $\vdash$ | $\dashv$ | $\dashv$ | $\neg \dagger$ | -        | 十        | 7              | <b></b>      | 93       | $\vdash$   | $\vdash$        | $\dashv$ | 一         | $\dashv$ | 十         | 1                 | 一        |                | 143      |                | $\dashv$  | $\neg$   | $\dashv$ | -+       | $\dashv$ | 十               | $\dashv$      | ┪        |
|  | 44       | T         | $\vdash$          | $\vdash$ | $\dashv$ | +        | $\neg \dagger$ | -+       | $\dashv$ | ٦              |              | 94       | $\vdash$   | $\vdash$        | $\dashv$ | $\dashv$  | o        | $\top$    | T                 | ᆨ        |                | 144      | $\dashv$       | 十         | -        | +        | +        | 十        | $\dashv$        | +             | ٦        |
|  | 45       | T         | $\vdash$          | $\vdash$ | $\dashv$ | $\dashv$ | +              | $\dashv$ | $\dashv$ | -              | <del> </del> | 95       |  | Н               | $\dashv$ | $\dashv$  | $\dashv$ | +-        |                   | ᅥ        |                | 145      | $\dashv$       | $\dashv$  | 一        | $\dashv$ | $\dashv$ | 寸        | $\dashv$        | +             | ┨        |
| <b>-</b>   | 46       | T         | $\vdash$          | $\vdash$ | +        | $\dashv$ | $\dashv$       | -        |          | -              |              | 96       | $\vdash$   | Н               | $\dashv$ | $\dashv$  | $\dashv$ | +-        | $\vdash$          | $\dashv$ |                | 146      | $\dashv$       | 十         | $\dashv$ | $\dashv$ | $\dashv$ | -+       | $\dashv$        | +             | $\dashv$ |
|  | 47       | +         | $\vdash$          |          | $\dashv$ | $\dashv$ | $\dashv$       | $\dashv$ | $\dashv$ | -              | $\vdash$     | 97       | $\vdash$   | $\vdash \vdash$ | $\dashv$ | $\dashv$  | $\dashv$ | +         | +                 | $\dashv$ | <br>           | 147      | -              | -+        | $\dashv$ | $\dashv$ | $\dashv$ | -        | $\dashv$        | +             | $\dashv$ |
|  | 48       | +         | $\vdash$          | -        | $\dashv$ | 十        | $\dashv$       | -+       | $\dashv$ | -              | <b></b> -    | 98       | $\vdash$   | H               | $\dashv$ | +         | -+       | +         | $\vdash$          |          |                | 148      | $\dashv$       | $\dashv$  |          | $\dashv$ | $\dashv$ | $\dashv$ | -+              | +             | $\dashv$ |
|  | 49       | +         |                   | $\dashv$ | 十        | $\dashv$ | $\dashv$       | $\dashv$ | $\dashv$ | $\dashv$       |              | 99       | $\vdash$   |                 | $\dashv$ | -         |          | +         | +                 |          |                | 149      | ┪              | $\dashv$  | $\dashv$ | +        | +        | +        | $\dashv$        | +             | $\dashv$ |
| <del>                                     </del> | 50       | +         | $\forall \exists$ | $\dashv$ | +        | $\dashv$ | $\dashv$       | $\dashv$ | $\dashv$ | -              | <b></b>      | 100      | $\vdash$   | $\vdash \vdash$ | $\dashv$ | $\dashv$  | +        | +         | $\vdash$          | $\dashv$ |                | 150      | +              | -+        | $\dashv$ | -+       | -+       | +        | +               | +             | $\dashv$ |
|  | ٠,٠      |           |                   | $\perp$  |          |          |                |          |          | :::::          | L            | , ,,,,,  |  | . 1             | - 1      | - 1       | I        | 1         | 1                 |          | <br>ı <b>I</b> | 100      | - 1            | - 1       | - 1      | - 1      | - 1      | - 1      | - 1             | - 1           | - 1      |